



The Power Behind the Storage

PRESS RELEASE

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FOR IMMEDIATE RELEASE

ATTO Technology Unveils Next-Generation FastFrame™ N424 Quad Port 25GbE NIC

New Intelligent NICs Deliver Top Performance for Media, AI, HPC, and Data Centers

Amherst, NY (April 6, 2025) – [ATTO Technology, Inc.](https://atto.com), a global leader in network and storage connectivity solutions, today announced the launch of a groundbreaking addition to its ATTO FastFrame lineup: the FastFrame N424 Quad Port 25GbE NIC with fourth-generation improved silicon. This intelligent NIC sets a new standard for performance, latency, and versatility, powering the most demanding workflows in media & entertainment, artificial intelligence (AI), high-performance computing (HPC), and data centers.

“As data demands skyrocket across industries, connectivity is the linchpin that turns potential into performance,” said Timothy J. Klein, president and CEO of ATTO Technology. “The new FastFrame N424 delivers the speed, efficiency, and intelligence needed to keep media production, AI innovation, and data center operations ahead of the curve.”

[ATTO FastFrame N424 Quad Port 25GbE NIC](#)

The FastFrame N424 brings quad-port 25GbE connectivity to IT and data center environments, offering a scalable, low-latency solution for high-bandwidth applications. Key benefits include:

- **AI & HPC:** Supports 25Gb/s per port with 1µs latency via RoCE on x16 PCIe 4.0, reducing CPU overhead for AI training and HPC simulations.
- **Data Centers:** SR-IOV and advanced offloads (LRO, LSO, TSO, RSS) on x16 PCIe 4.0 ensure congestion-free, high-throughput virtualized workloads.
- **Media & Entertainment:** As the only quad-port 25GbE NIC with macOS® compatibility, it empowers creative workflows with seamless integration and high-speed performance for video editing and production.

The N424 is supported by [ATTO 360™ Networking software](#), simplifying configuration with pre-tuned profiles and real-time diagnostics via ATTOview™, while ATTO Ethernet Suite for Windows® and Linux® streamlines installation, including RDMA dependencies, for rapid

deployment. With driver support across Windows, Linux and macOS, this NIC offers unmatched intelligence, flexibility, and performance.

“From 8K video pipelines to AI-driven analytics, the N424 is built to handle the toughest challenges,” Klein added. “It’s not just fast—it’s smart, efficient, and ready to power the future.”

The ATTO FastFrame N424 will be showcased at NAB Show 2025, booth SL5616, April 6-9 in the Las Vegas Convention Center. Attendees can experience how ATTO’s connectivity solutions drive performance firsthand. Schedule appointments with ATTO at www.atto.com/nab-2025.

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ABOUT ATTO

For over 35 years ATTO Technology, Inc. has been a global leader specializing in network and storage connectivity and infrastructure solutions for the most data-intensive computing environments. ATTO works closely with its partners to create the world’s best end-to-end data delivery, management and storage solutions.

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